

Appl No. 09/814044**PATENT**
IBM Docket No. RAL920000083US1**Amendments to the Claims:**

1 - 6. (Canceled)

7. (Previously Presented) In a communication system having a Digital Subscriber Line Access Multiplexer (DSLAM) including a plurality of DSL modems each having dual power capability in which each modem transmits a reduced power frame suitable to maintain synchronization when it has no data to transmit, a method for controlling the total power dissipated by the DSL modems comprising the following steps:

- monitoring the data transmission activity of the DSL modems;
- periodically calculating the power dissipated in the plurality DSL modems transmitting data;
- comparing the calculated power dissipated to a predetermined value; and,
- reducing the total dissipated power by limiting the amount of data destined for selective DSL modems.

8. (Original) The method set forth in claim 7 in which the total dissipated power is reduced by buffering data destined for selective DSL modems.

9. (Original) The method set forth in claim 7 in which the total power is reduced by initiating a data flow control regime.

10. (Original) The method set forth in claim 7 in which the total power is reduced by selectively discarding physical data frames destined for selected DSL modems.

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11. (Original) The method set forth in claim 7 in which the total power is reduced by applying back pressure to the data source.